

EAGE

EUROPEAN
ASSOCIATION OF
GEOSCIENTISTS &
ENGINEERS



Second EAGE Marine Acquisition Workshop

25-27 AUGUST 2020 • OSLO, NORWAY

- **Workshop Brochure | Call for Abstracts**

WWW.EAGE.ORG



TECHNICAL COMMITTEE

Lasse Amundsen	Equinor
Geir Apeland	WesternGeco
Tim Brice	Shearwater Geoservices
Leiv Jacob Gelius	University of Oslo
Ross Milne	Aker BP
Vetle Vinje	CGG
Martin Widmaier	PGS
Andreas Wuestefeld*	NORSAR

*Chair

WORKSHOP OVERVIEW

This workshop will serve as a forum for presentations and discussions on various aspects of marine acquisition technology. We encourage contributions to technological advances in this field and invite participants to share their experiences, lessons learned, and visions for future by submitting papers that are innovative, novel and interesting. In addition, well-regarded key-note speakers will outline their views of challenges and advances in the industry. The workshop is suitable for all geophysicists with an interest in marine geophysical acquisition, as well as students and persons from academic institutions, equipment manufacturers and suppliers, survey design geophysicists and processing geophysicists.



TECHNICAL PROGRAMME

Day 1: Seismic Sources (Chaired by: Martin Widmaier, Vetle Vinje and Tim Brice)

- Novel source configurations: Multiple sources, wide tow sources, near offset and zero offset acquisition
- Source blending and de-blending technologies
- Low frequency sources
- Marine vibrators, continuous sources
- Environmental aspects of seismic acquisition

On the first day, the workshop will focus on advances in seismic source technology and source configurations. Our industry has recently gained experience with wide-tow sources, multiple sources, and smaller sources. The development of alternative source technology is progressing. We encourage papers demonstrating how the new source technology relates to operational efficiency, seismic data quality and environmental sensitivity.

Day 2: Advances in Seismic Acquisition (Chaired by: Geir Apeland, Lasse Amundsen and Ross Milne)

- Ocean Bottom Seismics
- Permanent Monitoring (Passive and 4D)
- Hybrid OBS and Streamer acquisition
- Advances in survey planning

On the second day, the workshop will focus on the latest developments in ocean bottom seismic (OBS) technology, permanent monitoring technology, and hybrid OBS and streamer acquisition. Advances in survey planning will be addressed. We aim for presentations about state-of-the-art technology and acquisition geometries designed to improve quality and efficiency. We also encourage papers discussing new instrumentation, automatization and robotics including seismic acquisition using unmanned vehicles.

Day 3: Big Data in Seismics & Non-Seismic methods (Chaired by: Leiv Gelius and Andreas Wuestefeld)

- Gravity
- CSEM
- Magnetics
- Artificial Intelligence in Seismic Acquisition

On the third day, the workshop will look beyond seismic technology. We will discuss advances in different geophysical methods, and how this information can be integrated for a common and better understanding of the subsurface. This also includes multidisciplinary integration of 4D data. We encourage case studies on these subjects. Furthermore, we will discuss the advantages of integrating Artificial Intelligence into the workflow.

We especially invite presentations that show the business impact of case studies.

SUBMISSION GUIDELINES

The technical committee invites abstracts of two pages. Submissions will be accepted online via www.eage.org. Please review the guidelines on the event web page before submitting your abstract.



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IMPORTANT DATES

The Call for Abstracts is now open!

Registration Opens	1 March 2020
Call for Abstracts Deadline	26 April 2020
Early Registration Deadline	15 June 2020
Late Registration Deadline	10 August 2020
Second Marine Acquisition Workshop	25-27 August 2020

VENUE

Gamle Logen

Grev Wedels Plass 2
0151 Oslo, Norway

SPONSORING

Main Sponsors



This workshop offers excellent sponsorship opportunities to heighten the visibility of your company. For more information on sponsoring this workshop, please visit the event website or contact us via eage.events@eage.org.

CONTACT

For any questions about the Second EAGE Marine Acquisition Workshop, please visit the event website via events.eage.org or contact EAGE Europe Office at +31 88 995 5055 or send us an email via eage.events@eage.org.

Visit the event website for more details!





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